



Docket No. UOC-134A-111

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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: 09/268,437
Filed: March 12, 1999
Art Unit: 1641
Examiner: G. Gabel
Applicant: Ying Ding, Brian Halsall and William R. Heineman
Title: **Simultaneous Multianalyte Electrochemical Assay
Based on Spatial Resolution**

Cincinnati, Ohio 45202

May 9, 2001

Assistant Commissioner for Patents
Washington, DC 20231

AMENDMENT

Sir:

In response to the Office Action mailed February 14, 2001. In the Specification please rewrite the first sentence to read as follows: "Applicant claims priority to Application Serial No. 60/078,162 filed March 16, 1998 now abandoned."

In the specification, the first partial paragraph at page 10 should read: electrodes. Four electrodes were inserted through small holes in the side wall 40 of the cell. Antibody 18 and 20 was immobilized on a piece of polystyrene sheet 12 which forms the bottom of the cell 10. The electrodes rest on the polystyrene sheet 12 which is liquid impervious leaving no gap in between. The distance between two adjacent electrodes 22 and 24 was 2.5mm. Both the assay and electrochemical detection were carried out in the cell which had a volume of 150 micro liters. As discussed below, the same antibody was